

**Tuesday, March 18, 1997**  
**OUTER PLANETARY SATELLITES**  
**1:30 p.m. Room C**

**Chairs: J. I. Lunine  
P. Schenk**

Asphaug E.\* Moore J. M. Morrison D. Bender K. Sullivan R. S. Greeley R. Geissler P. Chapman C. R.  
*Impact Evolution of Icy Regoliths*

Moore J. M.\* Asphaug E. Morrison D. Bender K. C. Sullivan R. J. Greeley R. Geissler P. E.  
Chapman C. R. Pilcher C. B. Galileo SSI Team  
*Landform Degradation and Mass Wasting on the Icy Galilean Satellites*

Schenk P.\* Bulmer M.  
*Slope Failures at Euboea Montes, Io*

Kargel J. S.\* Soderblom L. A.  
*The Stability of Liquid and Solid Basalt, Sulfur, and Sulfur Dioxide in Io's Subsurface*

Keszthelyi L. P.\* McEwen A. S.  
*Volcanic Differentiation of Io*

Domingue D. L.\* Lane A. L.  
*SO<sub>2</sub> Detected on Callisto*

Noll K. S.\* Johnson R. E. McGrath M. A. Caldwell J. J.  
*Detection of SO<sub>2</sub> on Callisto with the Hubble Space Telescope*

McKinnon W. B.\*  
*Mystery of Callisto*

Hogenboom D. L.\* Kargel J. S. Reiter M. L. Khor Y. N.  
*Volume Changes Attending Hydration of Quenched Magnesium Sulfate Brine: The Tectonics of Ganymede's Sulci*

Wilson L.\* Head J. W.  
*Factors Influencing the Eruption of Water-based Magmas Through Europa's Ice Crust.*

Lunine J. I.\* Lorenz R. D.  
*Light and Heat in Cracks on Europa: Implications for Prebiotic Synthesis*

Ivanov B. A.\* Neukum G. Basilevsky A. T. Kruchkov V. P.  
*Titan and Venus: Comparing Atmospheric Entry of Large Meteoroids*

Lorenz R. D.\* McKay C. P. Lunine J. I.  
*Titan's Climate Through Time: Effects of Geothermal and Tidal Heating*